

Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core SCA to MTP 40 m



Item Code: 207-300-40



✕ Suitable for internal/external

✕ Pre-loaded drop cable

✕ UL94-V0 compliant

✕ Integrated fibre management

✕ Euroclass Cca-s1b,d0,a1

✕ CIBSE TM65 Embodied Carbon: 12.286 kg CO2e

Product Overview

The Excel Encasa IP56 multi dwelling unit has been designed for use within an internal riser application, fitted with a Cca grade internal 12 core SCA to MTP drop cable allowing quick deployment and connectivity.

Product Specifications

| Feature | Values |
|---------------------------------|-------------|
| Surface mounted | yes |
| Type of connector | SCA |
| With couplers | yes |
| Suitable for number of couplers | 24 |
| Suitable for type of fibre | Single mode |
| IP-rating | IP65 |
| Ambient temperature | -40...60 °C |
| Width | 275 mm |
| Height | 330 mm |
| Depth | 101 mm |

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Additional specifications

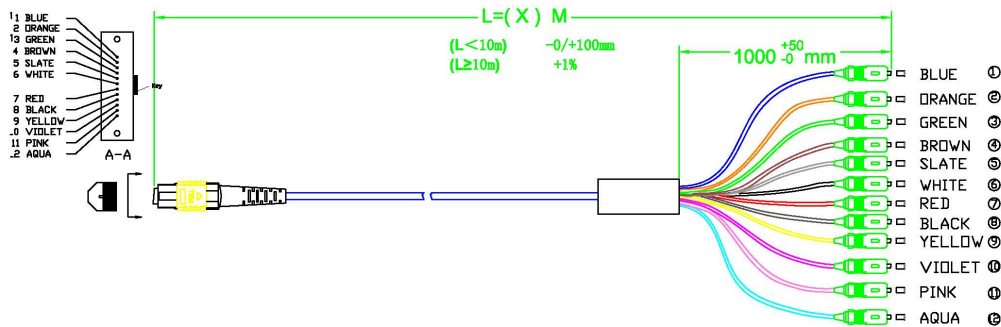
| Features | | Values |
|---|----------------|----------------|
| Insertion loss | MTP @1310nm | ≤0.35db |
| SCA @1310nm | ≤0.3db | |
| Return loss | MTP @1310nm | > 60db |
| | SCA @1310nm | > 65db |
| Maximum tensile strength (N) | Short term | 150 |
| Long term | 80 | |
| Minimum bend radius (mm) | Dynamic | 30 x diameter |
| Static | 15 x diameter | |
| Maximum crush resistance(N/100mm ²) | | 500 |
| Maximum attenuation | @full spectrum | ≤0.4dB/km |
| Dispersion coefficient | @1310nm | ≤3.0ps/(nm.km) |
| @1550nm | ≤18ps/(nm.km) | |
| Durability | | 500 matings |
| Fibre type | | G.657.A2 |
| Outer jacket material | | LSZH |
| Outer diameter | | 3mm |
| Operational temperature | | -20 to +70 °C |

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Product drawings



Standards

| Applicable standard | Detail |
|--------------------------|--|
| IEC 60332-1-2:2004 | Tests on electric and optical fibre cables under fire conditions. Test for vertical flame propagation for a single insulated wire or cable. Procedure for 1 kW pre-mixed flame |
| IEC 60754-2:2014+A1:2020 | Test on gases evolved during combustion of materials from cables - Part 2: Determination of acidity (by pH measurement) and conductivity |
| IEC 61034-2:2005+A2:2020 | Measurement of smoke density of cables burning under defined conditions - Part 2: Test procedure and requirements |
| IEC 60793-1-1:2022 | Optical fibres - Part 1-1: Measurement methods and test procedures - General and guidance |
| IEC 60793-1-20:2014 | Optical fibres - Part 1-20: Measurement methods and test procedures - Fibre geometry |
| IEC 60793-1-21:2001 | Optical fibres - Part 1-21: Measurement methods and test procedures - Coating geometry |

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|--|---|
| IEC 60793-1-22:2001 | Optical fibres - Part 1-22: Measurement methods and test procedures - Length measurement |
| IEC 60793-1-30:2010 | Optical fibres - Part 1-30: Measurement methods and test procedures - Fibre proof test |
| ITU G.652.D | Characteristics of a single-mode optical fibre and cable |
| EN 50173-1:2018 | Information technology. Generic cabling systems - General requirements |
| EN 50575: 2014 + A1:2016 | Power, control and communication cables — Cables for general applications in construction works subject to reaction to fire requirements |
| EN 50399:2011+A1:2016 | Common test methods for cables under fire conditions. Heat release and smoke production measurement on cables during flame spread test. Test apparatus, procedures, results |
| ISO/IEC 11801-1:2017 | Information technology - Generic cabling for customer premises: Part 1 General Requirements |
| ANSI/TIA 568-3.D | Optical Fiber Cabling and Components Standard |
| ANSI/TIA/EIA 598-D | Optical Fibre Cable Colour Coding |
| RoHS-II/-III (2011/65/EU & 2015/863): 2023 | Our products, demonstrate full adherence to the regulatory stipulations of the EU Directive 2011/65/EU (RoHS-II) and its corresponding delegated directive 2015/863 (RoHS-III). |
| WFD: 2023 | Compliant to Waste Framework Directive |
| SCIP: 2023 | Compliant - Does Not Contain Substances of Concern In articles as such or in complex objects (Products) |
| POPs (EU) No 2019/1021 | EU Regulation for the restriction of Persistent Organic Pollutants. |

Part Number Table

| Part Number | Description |
|-------------|--|
| 207-300-100 | Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core SCA to MTP 100 m |
| 207-300-30 | Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core SCA to MTP 30 m |
| 207-300-40 | Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core SCA to MTP 40 m |
| 207-300-50 | Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core SCA to MTP 50 m |
| 207-300-60 | Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core |

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SCA to MTP 60 m

207-300-75

Excel Encasa OS2 Multi Dwelling Drop Cable with 12 SCA Adaptors and 12 Core SCA to MTP 75 m

Excel is a world class premium performing end to end infrastructure solution designed, Manufactured, supported and delivered without compromise.

Contact us at sales@excel-networking.com



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